

# Product Verification

## Sustainability

Self declared according to LEED Building Design and Construction V4 (2015)

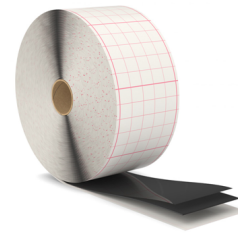
### ■ Product Systems

#### EGOTAPE 4000

EGO Dichtstoffwerke GmbH & Co. Betriebs KG

EGOTAPE 4000 is a self-adhesive butyl tape that is stable in volume and laminated with a, highly tear-resistant HDPE-foil. The special film is crosslaminated and thus ensures high resistance to further tearing. For covering seals of construction / connection joints in industrial and construction areas, concrete and prefabricated concrete construction. The product is designed for: - Sealing at roofs, balconies, loggias, pergolas and porticos (e.g. for connections and end structures, roof lights, light strips, smoke and heat exhaust units, edge finishing structures and door connections based on DIN 18531) - Sealing of components in contact with soil (e.g. against soil humidity and nonpressuring water based on DIN 18533) - Sealing in indoor areas (e.g. connections and end structures, areas behind bath tubs or shower cubicles and transition zones on the basis DIN 18534 ) - Sealing of window connections - Noise reduction for window sills - Sealing of tube openings - Corrosion protection for tubes - Sealing in the field of air conditioning, ventilation, heating and cooling systems - Sealing against radon gas - Use as nail sealing tape Typical butyl characteristics for butyl products, such as UV resistance, longevity and odourlessness, make EGOTAPE 4000 stand out for butyl rubber products. EGOTAPE 4000 fulfills the requirements according to EMICODE EC 1 PLUS.

<https://www.ego.de/produkt/egotape4000>



## Product Assessment

### Materials and Resources

#### Criteria

#### Product Verification

MR Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization	100 % weighted value
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Legend: yes = Product contributes toward satisfying the credit, N/A = Product not relevant in the credit, no = Credit requirements are not proven

## Summary

### The product contributes to the certification:

- Weighted Product Value on Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization: 100 % weighted value

## ■ Ecolabels & Product-Assessments

AgBB tested



EMICODE

EMICODE EC1plus



French VOC-Label A+


 ISO 14001 - Environmental  
 Management System

 ISO 9001 - Quality  
 Management System


SCAQMD Rule

## ■ Product Properties

### Ingredients:

Percentage of the product's composition, that is known to the chemical ingredient level	100 wt%
SVHC according REACH < 0,1 %:	Yes
Recycled content post-consumer:	N/A
Recycled content pre-consumer:	N/A
Free (< 0,1 %) of polybrominated diphenyl ethers (= PBDE):	Yes
Free (< 0,1 %) of chlorinated paraffins (= CP inkl. SCCP, MCCP, LCCP):	Yes
VOC content according 2004/42/EG:	0 g/l
Content of VOC:	0 %
To what level of detail is the product composition known?	100 ppm
Rapidly renewable content	N/A
VOC content according 2004/42/EG:	0 g/m2
Non renewable virgin raw material content	N/A
Free (< 0,1 %) of biocidal:	Yes
Free (< 0,1 %) of polybrominated biphenyls (= PBB):	Yes
Free (< 0,1 %) of hexabromocyclododecane (= HBCD):	Yes
Free (< 0,1 %) of tris (2-carboxyethyl) phosphine (= TCEP):	Yes
Free (< 0,1 %) of lead:	Yes
Free (< 0,1 %) of cadmium:	Yes
Free (< 0,1 %) of chromium-VI compounds:	Yes

Free of solvent according to VdL-RL01:	Yes
Free (< 0,1 %) of aromatic compounds:	Yes
Free (< 0,1 %) from halogenated propellants:	Yes
Free (< 0,1 %) of tin:	Yes
Free (< 0,1 %) of halogenated flame retardants:	Yes
Content of solvents:	0 %
Free (< 0,1 %) of halogens:	Yes
Free of plasticizer according to VdL-RL01:	Yes
Free (< 0,1 %) of hydrocarbon (KWS) plasticizer:	Yes

### Manufacturer:

Environmental Management System according ISO 14001:	Yes
Are reverse logistics in place for the product?	No
Final manufacturing location of the product: latitude	47.490265047353574 ° DDD
Final manufacturing location of the product: longitude	11.177764890049371 ° DDD

### Emissions:

Formaldehyde emissions after 28 days according DIN EN 717-1:	0.002 mg/m <sup>3</sup>
R-Value according to AgBB:	0,0
TVOC after 3 days according ISO 16000-3 / AgBB:	0,02 mg/m <sup>3</sup>
TVOC after 28 days according ISO 16000-3 / AgBB:	0,005 mg/m <sup>3</sup>
SVOC after 3 days according ISO 16000-3 / AgBB:	N/A
SVOC after 28 days according ISO 16000-3 / AgBB:	N/A
Carcinogens 1A and 1B after 3 days according ISO-16000 / AgBB:	0,001 mg/m <sup>3</sup>
Carcinogens 1A and 1B after 28 days according ISO-16000 / AgBB:	0.001 mg/m <sup>3</sup>

### Circularity:

Has the product been designed for reuse, refurbishment or remanufacturing?	No
Is the product designed for a recycling of equal quality?	No
Was the product designed for biodegradation?	No
Was the product designed for clean incineration?	No

### Life Cycle Assessment:

Functional use period

N/A

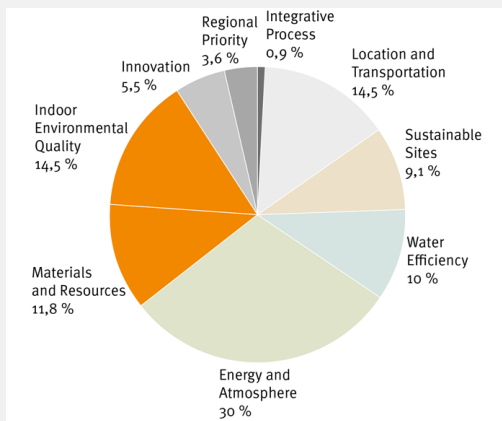
■ System description

This verification is the evaluation and ranking of products in terms of the certification system LEED version 4 (Building Design and Construction). The USGBC (U.S. Green Building Council) generally does not certify products. Therefore the project team or the manufacturer is responsible to declare compliance with respect to the LEED criteria. Notice: This verification is generated by the Assessment Service of BMS. The distribution or publication by third parties is not permitted. The data sheet is not a LEED certification document. The information is based on the manufacturer's specifications. Despite a diligent treatment of all information BMS can not make any warranties about the completeness, reliability and accuracy of this information. The requirements of LEED can be interpreted differently and depend on the project and scope of application. Therefore, BMS cannot accept any liability for the evaluation in terms of the LEED criteria. The user of the data sheet, the user / purchaser of the product and the consultant / planner, who is advising on this product has the duty to check the product for the intended application at their own responsibility. When a new version of this product verification is produced, the previous version loses its validity.

Source: [www.usgbc.org](http://www.usgbc.org)

■ System categories

Category Weighting



Category

Category considered in product verification

Integrative Process (IP)	No
Location and Transportation (LT)	No
Sustainable Sites (SS)	No
Water Efficiency (WE)	No
Energy and Atmosphere (EA)	No
Materials and Ressources (MR)	Yes
Indoor Environmental Quality (EQ)	Yes
Innovation (IN)	No
Regional Priority (RP)	No

Source: LEED v4 - New Construction

# Detailed Verification

Self declared according to LEED Building Design and Construction V4 (2015)

## Materials and Resources

### MR Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization

Weighted Product Value on Credit BPDO - Material Ingredients - Option 2: Material Ingredient Optimization:

EGOTAPE 4000	100 % weighted value
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The product contains no ingredients listed on the REACH Authorization list – Annex XIV, the Restriction list – Annex XVII and the SVHC candidate list. This is proved down to fully inventoried chemical ingredients to 100 ppm (0,01 %):

EGOTAPE 4000	Yes
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The Product have fully inventoried chemical ingredients to 100 ppm and no Benchmark 1 hazard according to GreenScreen v1.2 Benchmark. The product is assessed with "GreenScreen List Translator":

EGOTAPE 4000	No
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The Product have fully inventoried chemical ingredients to 100 ppm and no Benchmark 1 hazard according to GreenScreen v1.2 Benchmark. The product is assessed with "GreenScreen Assessment":

EGOTAPE 4000	No
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Certified with Cradle to Cradle:

EGOTAPE 4000	No
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Cradle to Cradle Standard Version:

EGOTAPE 4000	no entry
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Cradle to Cradle Level:

EGOTAPE 4000	no entry
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#### ■ Contact Details Manufacturer

##### EGO Dichtstoffwerke GmbH & Co. Betriebs KG

Kaltenbrunn 27  
82467 Garmisch-Partenkirchen  
DE  
<http://www.ego.de/>



#### ■ Disclaimer

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